

determining, if the selected segmentation mode is the automatic mode, whether a user wishes to change at least one automatic segmentation parameter of the selected mode;

inputting a new value for each at least one automatic segmentation parameter to be changed, if the user wishes to change at least one automatic segmentation parameter; and

segmenting the image using the automatic segmentation parameter values, including any new automatic segmentation parameter values.

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6. (Amended) A method for segmenting an image comprising:

determining a selected segmentation mode to be used when segmenting the image;

determining if the selected segmentation mode is an automatic mode;

determining, if the selected segmentation mode is the automatic mode, whether a user wishes to change at least one automatic segmentation parameter of the selected mode;

inputting a new value for each at least one automatic segmentation parameter to be changed, if the user wishes to change at least one automatic segmentation parameter; and

segmenting the image using the automatic segmentation parameter values, including any new automatic segmentation parameter values;

altering, if at least one new automatic segmentation parameter value is input, at least one other automatic segmentation parameter value,

wherein each one of the at least one automatic segmentation parameter to be changed correspond to a segmentation class in a first subset of a set of segmentation classes and each